

Federation of Earth Science Information Partners Partnership Application

Please complete all sections to the fullest extent possible and forward completed application to: Carol Meyer, carol.meyer@earthsciencefoundation.org. If you have any questions, please contact her at 877.870.3747.

I. CONTACT INFORMATION

A. Primary Contact/Principal Investigator

Name: Hung "Tom" Pham
Address: 101 Academy Drive, Buzzards Bay, MA 02532
Phone: 508-830-5000 Ext. 2147
Fax: 508-830-5058
Email: tpham@maritime.edu

B. Designated Assembly Representative (could be same as above)

Name: Same as above
Address:
Phone:
Fax:
Email:

C. Other Contacts

Name:
Address:
Phone:
Fax:
Email:
Name:
Address:
Phone:
Fax:
Email:
Name:
Address:
Phone:
Fax:
Email:

II. ABOUT YOUR ORGANIZATION

A. ORGANIZATION/DIVISION/PROJECT NAME:

Massachusetts Maritime Academy / Marine Operations Division

B. OVERVIEW OF YOUR PRIMARY ACTIVITIES (250 words or less)

I serve as a Projects Officer for the Academy. I provide professional marine support to the mission of the Marine Operations Division, which includes coordinating with ship's officers and Marine Department personnel on the compilation of safety management systems, providing research, technical writing and planning toward projects such as environmental and marine safety regulations and waterfront projects.

C. Please list and briefly describe the primary product(s) or service(s) that your organization provides (will provide) to the community.

The mission of Massachusetts Maritime Academy is to graduate educated men and women to serve the maritime industry as licensed officers or to serve the transportation, engineering, environmental, and industrial interests of the Nation.

A complementary mission is to provide lifelong learning opportunities, particularly for those in marine industries.

D. Please give a main website address for the proposed Partnership:

Web Address: www.maritime.edu

III. HOW YOUR ORGANIZATION WILL BENEFIT FROM/CONTRIBUTE TO THE EARTH SCIENCE INFORMATION PARTNERS (ESIP) FEDERATION

A. Describe current or anticipated users of your products and services and how you think the Federation can help you better serve this population. (200 words or less)

The Academy serves to 1200+ students, plus hundreds of thousands alumni, since 1891. Our missions are to prepare students for emergency management, safety & environmental protection, and marine industry. The Federation partners offer strong earth science data and modeling capabilities that will aid in risk assessment management studies. We believe Federation's accurate data products and prediction models will improve maritime industry understanding of weather patterns and forecast predictions.

B. Describe any Earth science technologies that you have developed and are willing to bring to the Federation's efforts to provide best-practices. (200 words or less)

The Massachusetts Maritime Academy is the first New England state college to install the largest 660KW wind turbine. We have taken steps to be more environmentally responsible state facility by utilizing renewable energies in the form of wind, tidal, solar, biofuel, and fuelcell. The Academy's wind turbine has become a model campus for other state facilities to follow. We offer our practical and successful experience and any data from current and/or future projects.

- C. Describe how your proposed membership would contribute to the efforts and the mission of one or more standing committees, working groups and/or clusters. See Page 3 for descriptions of the different activities of the various standing committees, working groups, and clusters. (200 words or less)

As the only state college on Cape Cod and well-known maritime institution, the Academy is in a position to support Community Engagement, Education, and GIS in the Cape.

- D. Describe your own use of Earth science information and data and how you would see this use enhanced by your partnership in the Federation. (200 words or less)

Our current projects include performing feasible studies for a tidal turbine and improving our marina facility. Climate data such as wind, waves, and tidal need to be analyzed and predicted prior to any implementation. We are actively seeking technologies and data partner for these purposes.

IV. YOUR CHOICE OF MEMBERSHIP TYPE. PLEASE PICK ONE.

ESIP-I (primarily a data archive center)



ESIP-II (primarily a research center)



ESIP-III (primarily applications and education)



ESIP-IV (primarily a sponsoring member)



V. Any other comments about your proposed membership and its relation to the Federation that you wish to provide.

Thank you for your application for partnership in the ESIP Federation.